

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1-10. (CANCELLED)

11. (CURRENTLY AMENDED) A method for treating a mammary gland disorder, the method comprising the step of local administration of between about  $10^{-2}$  U/kg and about 200 U/kg of a botulinum toxin type A to a mammary gland of a human patient to treat or prevent the development of atypical tissue, thereby treating a mammary gland disorder by reducing a secretion from the mammary gland.

12-33. (CANCELLED)

34. (PREVIOUSLY PRESENTED) A method for treating a mammary gland disorder selected from the group consisting of a breast cyst, sclerosing adenosis, duct papilloma, fibroadenoma, blunt duct adenosis, and proliferative breast disease, the method comprising the step of local administration of between about  $10^{-2}$ U/kg and about 200 U/kg of a botulinum toxin type A to a mammary gland, thereby treating the mammary gland disorder.

35. (PREVIOUSLY PRESENTED) The method of claim 12, wherein the mammary gland disorder is associated with hyperplastic or neoplastic mammary gland cells.

36. (NEW) The method of claim 11, wherein said atypical tissue comprises hyperplastic tissue, a cyst, or a neoplasm.

37. (NEW) The method of claim 11, wherein said local administration comprises between about  $10^{-1}$  U/kg and about 35 U/kg of a botulinum toxin type A.

38. (NEW) The method of claim 11, wherein said local administration comprises direct injection of botulinum toxin into said atypical tissue.

39. (NEW) The method of claim 11, wherein said local administration comprises implantation of a botulinum toxin implant onto or into said atypical tissue.

40. (NEW) The method of claim 11, wherein the diameter of said atypical tissue is reduced by about 20% to about 100% subsequent to said local administration.

41. (NEW) The method of claim 34, wherein said local administration comprises between about  $10^{-1}$  U/kg and about 35 U/kg of a botulinum toxin type A.

42. (NEW) The method of claim 34, wherein said local administration comprises direct injection of botulinum toxin into said breast cyst, sclerosing adenosis, duct papilloma, fibroadenoma, blunt duct adenosis, or proliferative breast disease.

43. (NEW) The method of claim 34, wherein said local administration comprises implantation of a botulinum toxin implant onto or into said breast cyst, sclerosing adenosis, duct papilloma, fibroadenoma, blunt duct adenosis, or proliferative breast disease.

44. (NEW) The method of claim 34, wherein the diameter of said breast cyst, sclerosing adenosis, duct papilloma, fibroadenoma, blunt duct adenosis, and proliferative breast disease is reduced by about 20% to about 100% subsequent to said local administration.